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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	38279	((N) or (amino)) adj (terminus or termini or terminal)	USPAT	OR	OFF	2006/04/05 17:12
L2	10	I1 near6 streptokinase	USPAT	OR	OFF	2006/04/05 17:12
L3	102	I1 near6 flexible	USPAT	OR	OFF	2006/04/05 17:13
L4	0	I2 and I3	USPAT	OR	OFF	2006/04/05 17:13

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```
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L1      408080 (N OR AMINO) (W) (TERMINUS OR TERMINI OR TERMINAL)

=> s l1 (6A) streptokinase
L2      67 L1 (6A) STREPTOKINASE

=> s L1 (6A) flexible
L3      1062 L1 (6A) FLEXIBLE

=> s l2 and l3
L4      0 L2 AND L3
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Streptokinase is a flexible multi-domain protein.

Damaschun G, Damaschun H, Gast K, Gerlach D, Misselwitz R, Welfle H, Zirwer D.

Max-Delbrück-Zentrum für Molekulare Medizin, Berlin-Buch,
Federal Republic of Germany.

The structure of streptokinase in solution has been studied by dynamic light scattering, small-angle X-ray scattering and circular dichroism spectroscopy. The Stokes' radius and radius of gyration of the protein monomer are 3.58 nm and 4.03 nm, respectively. The maximum intraparticle distance of the molecule is 14 nm. More than half of the amino acids of the molecule are organized in regular secondary structures. The X-ray scattering curve, the results from dynamic light scattering, and the finding that at least 50% of the amino acid residues are organized in regularly folded secondary structures are consistent with the following structural model. Streptokinase consists of four compact, separately folded, domains linked by mobile segments of the protein chain. The molecule exhibits the conformation of a flexible string-of-beads in solution.

PMID: 1313757 [PubMed - indexed for MEDLINE]

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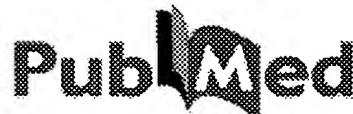
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L1	20555	((fusion or chimeric) adj (protein)) or chimera	USPAT	OR	OFF	2006/04/05 15:42
L2	1574	(both near4 (N-terminal or N-terminus))	USPAT	OR	OFF	2006/04/05 15:43
L3	1437	(both near4 (C-terminal or C-terminus))	USPAT	OR	OFF	2006/04/05 15:43
L4	22	I1 near8 I2	USPAT	OR	OFF	2006/04/05 15:43
L5	28	I1 near8 I3	USPAT	OR	OFF	2006/04/05 15:44
L6	14	I4 and I5	USPAT	OR	OFF	2006/04/05 15:44
L7	13	I6 and (target or targeting or targeted)	USPAT	OR	OFF	2006/04/05 15:44



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Kuwata T, Adachi A, Hayami M, Yoshi O, Fujiwara T.

Targeting of chrolamphenicol acetyltransferase to human immunodeficiency virus particles via Vpr and Vpx.
Microbiol Immunol. 1995;39(12):1015-9.
PMID: 8789063 [PubMed - indexed for MEDLINE]

162: Zhang H, Komano H, Fuller RS, Gandy SE, Frail DE, Related Articles, Links
 Proteolytic processing and secretion of human beta-amyloid precursor protein in yeast. Evidence for a yeast secretase activity.
J Biol Chem. 1994 Nov 11;269(45):27799-802.
PMID: 7961704 [PubMed - indexed for MEDLINE]

163: Lue RA, Marfatia SM, Branton D, Chishti AH, Related Articles, Links
 Cloning and characterization of hdlg: the human homologue of the Drosophila discs large tumor suppressor binds to protein 4.1.
Proc Natl Acad Sci U S A. 1994 Oct 11;91(21):9818-22.
PMID: 7937897 [PubMed - indexed for MEDLINE]

164: Bamberg K, Sachs G, Related Articles, Links
 Topological analysis of H⁺,K⁽⁺⁾-ATPase using in vitro translation.
J Biol Chem. 1994 Jun 17;269(24):16909-19.
PMID: 8207013 [PubMed - indexed for MEDLINE]

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Malyushova VV, Zverev VV, Andzhaparidze OG, Debabov VG.
 Construction and expression in Escherichia coli of hybrid genes composed of sequences encoding diphtheria toxin and human CD4 receptor.
Gene. 1994 Feb 11;139(1):77-81.
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166: Hawn TR, Tom TD, Strand M, Related Articles, Links
 Molecular cloning and expression of SmIRV1, a Schistosoma mansoni antigen with similarity to calnexin, calreticulin, and OvRall1.
J Biol Chem. 1993 Apr 15;268(11):7692-8.

PMID: 8463298 [PubMed - indexed for MEDLINE]

167: [Fang H, Higa M, Suzuki K, Aiba K, Urushihara H, Yanagisawa K.](#) Related Articles, Links

 Molecular cloning and characterization of two genes encoding gp138, a cell surface glycoprotein involved in the sexual cell fusion of *Dictyostelium discoideum*.

Dev Biol. 1993 Mar;156(1):201-8.

PMID: 7680629 [PubMed - indexed for MEDLINE]

168: [Deforce L, Tomizawa K, Ito N, Farrens D, Song PS, Furuya M.](#) Related Articles, Links

 In vitro assembly of apophytochrome and apophytochrome deletion mutants expressed in yeast with phycocyanobilin.

Proc Natl Acad Sci U S A. 1991 Dec 1;88(23):10392-6.

PMID: 1961705 [PubMed - indexed for MEDLINE]

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 Membrane topology analysis of *Escherichia coli* mannitol permease by using a nested-deletion method to create mtlA-phoA fusions.

Proc Natl Acad Sci U S A. 1991 Nov 1;88(21):9603-7.

PMID: 1946374 [PubMed - indexed for MEDLINE]

170: [Parente MG, Chung LC, Ryynanen J, Woodley DT, Wynn KC, Bauer EA, Mattei MG, Chu ML, Uitto J.](#) Related Articles, Links

 Human type VII collagen: cDNA cloning and chromosomal mapping of the gene.

Proc Natl Acad Sci U S A. 1991 Aug 15;88(16):6931-5.

PMID: 1871109 [PubMed - indexed for MEDLINE]

171: [Smith AD, Wilson JE.](#) Related Articles, Links

 Disposition of mitochondrially bound hexokinase at the membrane surface, deduced from reactivity with monoclonal antibodies recognizing epitopes of defined location.

Arch Biochem Biophys. 1991 Jun;287(2):359-66.

PMID: 1716867 [PubMed - indexed for MEDLINE]

172: [Kim SC, Posfai G, Szybalski W.](#) Related Articles, Links

 A novel gene-fusing vector: construction of a 5'-GGmCC-specific chimeric methyltransferase, M.BspRI/M.BsuRI.

Gene. 1991 Apr;100:45-50.

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173: [Candussio A, Schmid G, Bock A.](#) Related Articles, Links

 Biochemical and genetic analysis of a maltopentaose-producing amylase from an alkaliphilic gram-positive bacterium.

Eur J Biochem. 1990 Jul 20;191(1):177-85.

PMID: 1696201 [PubMed - indexed for MEDLINE]

174: [Germino J, Bastia D.](#) Related Articles, Links

The replication initiator protein of plasmid R6K tagged with beta-galactosidase



shows sequence-specific DNA-binding.

Cell. 1983 Jan;32(1):131-40.

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